



## Product Component

### DEFINITION

<i>Name</i>	Intergraph GeoMedia
<i>Description</i>	A comprehensive, desktop based, enterprise GIS software that can perform mapping, geographic data creation, management, integration, and analysis.
<i>Rationale</i>	<ul style="list-style-type: none"> <li>Meets the Geospatial Metadata criteria defined within Missouri Adaptive Enterprise Architecture (MAEA).</li> <li>An industry leader in Geographic Information Systems.</li> </ul>
<i>Benefits</i>	<p>The benefits of adopting a single suite of GIS software are that it:</p> <ul style="list-style-type: none"> <li>Allows for the development of applications and database components that can be easily shared across and between systems.</li> <li>Allows for combined training costs.</li> <li>Allows for increased purchasing and negotiation power with the vendor for training, software, and services.</li> </ul> <p>Documenting this software suite within the MAEA will:</p> <ul style="list-style-type: none"> <li>Provide guidance and direction to local government in evaluating the utility of this software to their situation.</li> <li>Aid in the coordination of statewide data development protocols.</li> </ul>

### ASSOCIATED ARCHITECTURE LEVELS

<i>Specify the Domain Name</i>	Information
<i>Specify the Discipline Name</i>	Geographic Information Technology
<i>Specify the name of the associated Technology Area</i>	Geographic Information Systems

### KEYWORDS

<i>List Keywords</i>	Geographic Information System (GIS), desktop, software, mapping, geocoded, Intergraph, GeoMedia, GeoMedia Professional
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### VENDOR INFORMATION

<i>Vendor Name</i>	Intergraph	<i>Website</i>	<a href="http://www.intergraph.com/">http://www.intergraph.com/</a>
<i>Contact Information</i>	INTERGRAPH CORPORATION P.O. Box 240000 Phone: 800-345-4856 288 Dunlop Blvd. Fax: 256-730-2048 Huntsville, AL 35824 Email: <a href="mailto:webmaster@intergraph.com">webmaster@intergraph.com</a>		

### POTENTIAL COMPLIANCE SOURCES

<i>Name</i>	OpenGIS Consortium	<i>Website</i>	<a href="http://www.opengis.org/">http://www.opengis.org/</a>
<i>Contact Information</i>			
<i>Name</i>		<i>Website</i>	
<i>Contact Information</i>			

## COMPONENT REVIEW

<p><i>List Desirable aspects</i></p>	<p><b>Data manipulation</b> – Allows integration of many different formats and data models; Allows for connection to popular DBMS; Robust import/export functionality; Excellent projection algorithms; Good metadata handling and retrieval.</p> <p><b>Analysis</b> – Geoprocessing tools are good; Analysis functionality in buffering, selection, query, etc.; Good image integration; Good geocoding functions; Geostatistical analysis functions are good.</p> <p><b>Extensions</b> – Very robust set of extensions covering many application areas of geospatial processing and analysis (i.e. hydrological, grid, network, COGO, etc.).</p> <p><b>Cartography</b> – Basic map output functionality; Can create a functional map through the interface but to create a really good map you need to thoroughly understand the depth of the interface; Symbol and font sets are very good; Ability to create transparent layers is good; Thematic data classification and histogram development is good; The development of style sheets is a good; Basic map elements (legend, key, north arrow, etc.) is good.</p> <p><b>Topology</b> –</p> <p><b>Customization</b> – Allows for customization and development of extensions, etc. within the software; Can be used as an enterprise solution; Interoperable components can be leveraged on data or DBMS side; Can selectively develop GUI based on class of user and application needs.</p> <p><b>Training / Education</b> – Have developed a large number of classes; Has a wide variety of training media options (web, classroom, on-site).</p> <p><b>User Support</b> – Thorough on-line knowledge base available; Help function is fairly complete.</p>		
<p><i>List Undesirable aspects</i></p>	<p><b>Data manipulation</b> – Large-scale data creation is not a strong point.</p> <p><b>Analysis</b> –</p> <p><b>Extensions</b> – Extra cost associated with each extension; Training on any specific extension is limited or not available.</p> <p><b>Cartography</b> – Not quite as strong cartographically as ArcGIS, although improving and better than other rivals; Not true WYSIWYG.</p> <p><b>Topology</b> –</p> <p><b>Customization</b> – With training it is really customizable.</p> <p><b>Training / Education</b> – Cost, location, and availability is many times prohibitive to participation.</p> <p><b>User Support</b> –</p>		
<p><i>Operating System</i></p>	<p><u>GeoMedia 5.0 - 5.1</u> Windows NT 4.0 SP6, 2000 (SP1, P2, SP3), ME, XP (SP1)</p> <p><u>GeoMedia 5.2</u> Windows 2000 (SP1, SP2, SP3), XP (SP1)</p>	<p><i>Platform</i></p>	<p>PC-Intel</p>
<h2>ASSOCIATED COMPLIANCE COMPONENTS</h2>			
<p><b>Product</b></p>			
<p><i>List the Product-specific Compliance Component Names</i></p>	<p>VB, Visual C++</p>		

Configuration Links			
List the Configuration-specific Compliance Component Names			
COMPONENT CLASSIFICATION			
Provide the Classification		<input type="checkbox"/> Emerging <input checked="" type="checkbox"/> Current <input type="checkbox"/> Twilight <input type="checkbox"/> Sunset	
Sunset Date			
COMPONENT SUB-CLASSIFICATION			
Sub-Classification	Date	Additional Sub-Classification Information	
<input type="checkbox"/> Technology Watch			
<input type="checkbox"/> Variance			
<input type="checkbox"/> Conditional Use			
RATIONALE FOR COMPONENT CLASSIFICATION			
Document the Rationale for Component Classification		No state agency uses Intergraph and there are few users across the state.	
MIGRATION STRATEGY			
Document the Migration Strategy			
IMPACT POSITION STATEMENT			
Document the Position Statement on Impact			
AGENCIES			
List the Agencies Currently Utilizing this Product			
CURRENT STATUS			
Provide the Current Status		<input type="checkbox"/> In Development <input type="checkbox"/> Under Review <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Rejected	
AUDIT TRAIL			
Creation Date	8/16/2004	Date Approved / Rejected	10/12/04
Reason for Rejection			
Last Date Reviewed		Last Date Updated	
Reason for Update			